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AN
     2002:465779 CAPLUS
DN
     137:37410
ΤI
     Cosmetic composition containing 7-hydroxy DHEA and/or 7-keto
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IN
     Courchay, Guy
PA
     L'oreal, Fr.
     PCT Int. Appl., 14 pp.
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AN
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     136:390760
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     Use of 2-oxothiazolidine 4-carboxylic acid derivatives as agents promoting
     skin peeling
IN
     Galey, Jean-Baptiste; Bernard, Dominique; Simonetti, Lucie
PA
     L'oreal, Fr.
     PCT Int. Appl., 41 pp.
SO
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     Cosmetic composition containing waxes and an hydrophilic active
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IN
     Afriat, Isabelle
PΑ
     L'oreal, Fr.
     Eur. Pat. Appl., 14 pp.
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AN
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DN
     134:344357
     Cosmetic composition containing an hydrophilic active agent
ΤI
     dispersed in an oil phase comprising waxes
IN
     Roulier, Veronique; Baldo, Francine
     L'oreal, Fr.
PA
SO
     Eur. Pat. Appl., 12 pp.
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    Use of DHEA or its precursors and metabolites as skin depigmentation
    agents
IN
    De, Lacharriere Oliver; Nouveau, Stephanie
PA
    L'oreal, Fr.
    Eur. Pat. Appl., 10 pp.
SO
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AN
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     132:339059
TI
     Composition for depigmenting or bleaching mammalian skin containing
     L-1-2-oxothiazolidine-4-carboxylic acid and a polyol
     Chevalier, Veronique; Galey, Jean-baptiste
IN
PΑ
     L'Oreal, Fr.
SO
     U.S., 5 pp., Cont.-in-part of U.S. Ser. No. 773,514.
     CODEN: USXXAM
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L11
AN
     2000:686242 CAPLUS
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     133:256574
    Cosmetic compositions having an aqueous phase containing
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    L-2-oxothiazolidine-4-carboxylic acid
IN
    Chevalier, Veronique; Quest, Melanie
PA
    L'oreal, Fr.
    Eur. Pat. Appl., 9 pp.
SO
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L11 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
    2000:73729 CAPLUS
AN
DN
    132:83387
TI
    Optical whiteners for cosmetic compositions
IN
    Chevalier, Veronique; Quest, Melanie
    Oreal S. A., Fr.
PΑ
    Fr. Demande, 16 pp.
    CODEN: FRXXBL
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    FR 2778561 A1 19991119
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    131:174827
    Cosmetic composition containing a procysteine and a polyol
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    Chevalier, Veronique; Galey, Jean Baptiste
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    Oreal S. A., Fr.
    Fr. Demande, 9 pp.
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L11 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
     1998:604834 CAPLUS
AN
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     129:184253
     Therapeutic uses for sulfur-containing antioxidants in cancer and
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     precancer therapy
IN
     Brash, Douglas E.; Liu, Ming
PA
     Yale University, USA
     PCT Int. Appl., 65 pp.
SO
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     1998:147722 CAPLUS
AN
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     128:153967
     Preparation of kojic acid derivatives for use as depigmentation agents
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IN
     Galey, Jean Baptiste; Pichaud, Patrick
     L'Oreal S. A., Fr.
PA
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     Fr. Demande, 11 pp.
     CODEN: FRXXBL
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        L-2-Oxothiazolidine-4-carboxylic acid derivatives and their use for skin
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            Galey, Jean-Baptiste
            Oreal S. A., Fr.
Eur. Pat. Appl., 10 pp.
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 L11 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN
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            1997:479336 CAPLUS
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            127:99546
            Use of procysteine as skin whitening agent
 TI
            Galey, Jean-Baptiste; Marrot, Laurent; Causse, Catherine; Regnier,
 IN
            Marcelle
            L'Oreal S. A., Fr.
 PA
            Eur. Pat. Appl., 4 pp.
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    Compositions and their use for retarding the aging process
TN
    Kamerei, Ahmad Reza; Goldberg, Dennis I.; Mark, David A.; Pace, Gary
    Free Radical Sciences, Inc., USA
PΑ
SO
    Eur. Pat. Appl., 7 pp.
    CODEN: EPXXDW
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    ICM A61K031-425
    ICS A61K038-00; A61K038-06; A23L001-30; A23L001-305; A23L001-302;
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    63-6 (Pharmaceuticals)
    Section cross-reference(s): 18
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    AU 9475969 A1 19950518
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    JP 07188018
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                                                          19941031
PRAI US 1993-146305
                           19931101
    Compns., diets and regimens are disclosed for maintaining intracellular
    levels of glutathione at sufficient levels to prevent oxidative and free
    radical damage to the cells, so as to retard the aging process
    in mammals. A diet, regimen, or nutritional compn. for reducing agent in
    a person comprises 15-30% of the calories from cysteine-rich protein,
    15-25% of the calories from lipids, 45-70% of the calories from
    carbohydrates, and vitamin/mineral mixts. meeting or exceeding USRDA
    values in 1000 or 2000 cal of the product.
st
    nutrient aging inhibition glutathione synthesis promoter;
    cysteine rich protein antiaging nutrient
IT
    Aging
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    70-18-8, Glutathione, biological studies
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    70-18-8D, Glutathione, esters 19771-63-2, L-2-Oxothiazolidine-4-
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     127:231311
     Thiols and selenium: protective effect on human skin fibroblasts
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     exposed to UVA radiation
ΑU
     Emonet, N.; Leccia, M. T.; Favier, A.; Beani, J. C.; Richard, M. J.
CS
     Service de Dermatologie, Groupement de Recherche sur les Pathologies
     Oxydatives, Universite Joseph Fourier, 38043, Grenoble, 03, Fr.
     Journal of Photochemistry and Photobiology, B: Biology (1997), 40(1),
     CODEN: JPPBEG; ISSN: 1011-1344
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    ANSWER 14 OF 18 CAPLUS COPYRIGHT 2003 ACS
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    1995:491327 CAPLUS
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     122:281655
TT
     Preclinical efficacy evaluation of potential chemopreventive agents in
     animal carcinogenesis models: methods and results from the NCI
     Chemoprevention Drug Development Program
ΑU
     Steele, Vernon E.; Moon, Richard C.; Lubet, Ronald A.; Grubbs, Clinton J.;
     Reddy, Bandaru S.; Wargovich, Michael; McCormick, David L.; Pereira,
     Michael A.; Crowell, James A.; et al.
    DCPC, National Institutes of Health, Bethesda, MD, 20892, USA
CS
     Journal of Cellular Biochemistry (1994), (Suppl. 20), 32-54
SO
     CODEN: JCEBD5; ISSN: 0730-2312
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    English
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     1993:463055 CAPLUS
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    Method for stimulating intracellular synthesis of glutathione using esters
TI
    of L-2-oxothiazolidine-4-carboxylate
IN
    Rowe, W. Bruce; Goldberg, Dennis I.
PA
    Clintec Nutrition Co., USA
SO
    U.S., 5 pp.
    CODEN: USXXAM
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     Inhibition of acute ornithine decarboxylase induction can predict tumor
     prevention by topical photoprotective agents in the skin of
     hairless mice exposed to ultraviolet radiation
ΑU
     Hillebrand, Greg G.; Bissett, Donald L.
     Miami Valley Lab., Procter and Gamble Co., Cincinnati, OH, 45239-8707, USA
CS
     Journal of the Society of Cosmetic Chemists (1993), 44(3), 129-38
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AN
     1988:48857 CAPLUS
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     108:48857
     Inhibition of multistage tumor promotion in mouse skin by
TT
     diethyldithiocarbamate
ΑU
     Perchellet, Jean Pierre; Abney, Nancy L.; Thomas, Ryan M.; Perchellet,
     Elisabeth M.; Maatta, Eric A.
CS
     Dep. Chem., Kansas State Univ., Manhattan, KS, 66506, USA
SO
     Cancer Research (1987), 47(23), 6302-9
     CODEN: CNREA8; ISSN: 0008-5472
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     English
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AN
     1987:419228 CAPLUS
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     Effects of diverse intracellular thiol delivery agents on glutathione
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     peroxidase activity, the ratio of reduced/oxidized glutathione, and
     ornithine decarboxylase induction in isolated mouse epidermal cells
     treated with 12-0-tetradecanoylphorbol 13-acetate
ΑU
     Perchellet, Elisabeth M.; Maatta, Eric A.; Abney, Nancy L.; Perchellet,
     Jean Pierre
CS
     Div. Biol., Kansas State Univ., Manhattan, KS, 66506, USA
     Journal of Cellular Physiology (1987), 131(1), 64-73
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     CODEN: JCLLAX; ISSN: 0021-9541
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     Journal
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LA

English

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TΙ
      Preparation of kojic acid derivatives for use as depigmentation agents
      Galey, Jean Baptiste; Pichaud, Patrick
ΙN
PΑ
     L'Oreal S. A., Fr.
     Fr. Demande, 11 pp.
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     1997:534460 CAPLUS
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TI
     L-2-Oxothiazolidine-4-carboxylic acid derivatives and their use for
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IN
     Galey, Jean-Baptiste
     Oreal S. A., Fr.
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     ANSWER 12 OF 18 CAPLUS COPYRIGHT 2003 ACS
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     1997:479336 CAPLUS
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ТΤ
     Use of procysteine as skin whitening agent
     Galey, Jean-Baptiste; Marrot, Laurent; Causse, Catherine; Regnier,
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     Marcelle
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     L'Oreal S. A., Fr.
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     Eur. Pat. Appl., 4 pp.
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PATENT NO. KIND DATE APPLICATION NO. DATE





## => d 13

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS 19771-63-2 REGISTRY RN4-Thiazolidinecarboxylic acid, 2-oxo-, (4R)- (9CI) (CA INDEX NAME) CN OTHER CA INDEX NAMES: 4-Thiazolidinecarboxylic acid, 2-oxo-, (R)-4-Thiazolidinecarboxylic acid, 2-oxo-, L- (8CI) CNOTHER NAMES: CN (4R)-2-Oxothiazolidine-4-carboxylic acid CN(R) - (-) -2-Oxothiazolidine-4-carboxylic acid (R) -2-Oxothiazolidine-4-carboxylic acid CNCN L-2-Oxo-4-thiazolidinecarboxylic acid CN Procysteine FS STEREOSEARCH DR 163675-62-5 MF C4 H5 N O3 S CI COM ADISINSIGHT, AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, LC STN Files: CAPLUS, CASREACT, CHEMCATS, CIN, CSCHEM, DRUGNL, DRUGUPDATES, IFICDB, IFIPAT, IFIUDB, MRCK\*, MSDS-OHS, NIOSHTIC, PHAR, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL (\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

228 REFERENCES IN FILE CA (1957 TO DATE)

13 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

232 REFERENCES IN FILE CAPLUS (1957 TO DATE)

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<u>L5</u>	L4 and procystein\$.ab.	4	<u>L5</u>
<u>L4</u>	procystein\$ and (cosmetic)	29	<u>L4</u>
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END OF SEARCH HISTORY